

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061520\
 Data File : VV016930.D
 Acq On : 15 Jun 2020 12:31
 Operator : SY/MD
 Sample : L2914-04 25X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9D98

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.222	37	41	47	rVB2	20811	18093	0.25%	0.087%
2	1.315	61	70	80	rBV2	234136	259814	3.62%	1.249%
3	1.364	80	85	95	rVB	31442	31280	0.44%	0.150%
4	1.425	98	104	111	rVB	29829	29357	0.41%	0.141%
5	1.563	142	147	159	rVB	119071	142157	1.98%	0.683%
6	1.631	161	168	179	rVB	37460	49087	0.68%	0.236%
7	1.769	205	211	219	rBV	22688	27432	0.38%	0.132%
8	1.811	220	224	232	rVB3	7173	8554	0.12%	0.041%
9	1.907	247	254	264	rBV2	23934	32246	0.45%	0.155%
10	1.991	274	280	286	rVB	13242	15766	0.22%	0.076%
11	2.036	288	294	305	rVB4	13070	19564	0.27%	0.094%
12	2.119	310	320	335	rVB	280969	412563	5.76%	1.984%
13	2.306	371	378	380	rBV7	2416	2995	0.04%	0.014%
14	2.409	405	410	412	rBV4	1778	1599	0.02%	0.008%
15	2.492	427	436	445	rVV2	29528	49730	0.69%	0.239%
16	2.592	457	467	480	rVB2	33410	59523	0.83%	0.286%
17	2.968	581	584	586	rVV3	2217	1712	0.02%	0.008%
18	2.981	586	588	595	rVB7	3086	2397	0.03%	0.012%
19	3.100	618	625	627	rBV7	1851	1734	0.02%	0.008%
20	3.184	647	651	655	rBV6	1685	1196	0.02%	0.006%
21	3.460	724	737	748	rBV8	7183	21136	0.29%	0.102%
22	3.585	773	776	779	rBV4	1699	1452	0.02%	0.007%
23	3.791	831	840	847	rVV9	6932	13674	0.19%	0.066%
24	3.849	855	858	863	rBV6	1683	1341	0.02%	0.006%
25	3.897	863	873	897	rBV	103803	275497	3.84%	1.325%
26	4.039	913	917	921	rVB6	1890	1567	0.02%	0.008%
27	4.058	921	923	925	rBV3	1962	1183	0.02%	0.006%
28	4.373	1000	1021	1042	rBV	234362	575510	8.03%	2.767%
29	4.698	1112	1122	1123	rBV7	11310	13575	0.19%	0.065%
30	5.071	1219	1238	1243	rBV2	569329	1275941	17.80%	6.135%
31	5.122	1245	1254	1281	rVB	3367835	7167310	100.00%	34.461%
32	5.389	1326	1337	1354	rVB2	31344	71378	1.00%	0.343%
33	5.640	1402	1415	1436	rBV	451218	900307	12.56%	4.329%
34	5.929	1493	1505	1516	rBV2	25202	53059	0.74%	0.255%

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Integration Parameters: LSCINT.P

Integrator: RTE
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Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Title : VOC Analysis

35	6.093	1540	1556	1574	rBV	325907	649909	9.07%	3.125%
36	6.380	1643	1645	1650	rVB5	2146	1399	0.02%	0.007%
37	6.444	1661	1665	1669	rVB8	1710	1252	0.02%	0.006%
38	6.486	1673	1678	1680	rBV5	1674	1574	0.02%	0.008%
39	6.540	1690	1695	1697	rBV4	1260	1150	0.02%	0.006%
40	6.823	1777	1783	1785	rBV7	2547	2137	0.03%	0.010%
41	7.007	1826	1840	1862	rVV	192313	349257	4.87%	1.679%
42	7.338	1928	1943	1955	rBV	668611	1150717	16.06%	5.533%
43	7.408	1956	1965	1984	rVB	394002	683408	9.54%	3.286%
44	7.547	2000	2008	2018	rVB2	20452	37604	0.52%	0.181%
45	7.640	2027	2037	2052	rBV	134023	226086	3.15%	1.087%
46	7.720	2057	2062	2073	rVB2	10600	19212	0.27%	0.092%
47	8.032	2150	2159	2171	rBV4	10301	19504	0.27%	0.094%
48	8.109	2171	2183	2213	rVV2	306425	612343	8.54%	2.944%
49	8.238	2217	2223	2238	rVB4	18149	34324	0.48%	0.165%
50	8.736	2371	2378	2380	rBV7	2394	2819	0.04%	0.014%
51	8.875	2401	2421	2430	rBV	671528	1102716	15.39%	5.302%
52	9.032	2459	2470	2487	rBV	433380	699174	9.76%	3.362%
53	9.161	2496	2510	2529	rVB2	79089	163202	2.28%	0.785%
54	9.283	2539	2548	2556	rBV5	22667	42515	0.59%	0.204%
55	9.405	2577	2586	2597	rBV2	30388	50522	0.70%	0.243%
56	9.473	2600	2607	2616	rVV5	18204	29924	0.42%	0.144%
57	9.566	2627	2636	2650	rVB	106723	165921	2.31%	0.798%
58	9.694	2672	2676	2678	rBV5	2163	1840	0.03%	0.009%
59	9.736	2686	2689	2697	rVB4	7582	9802	0.14%	0.047%
60	9.887	2727	2736	2747	rVB5	19164	34263	0.48%	0.165%
61	9.952	2748	2756	2773	rVB4	14953	32543	0.45%	0.156%
62	10.103	2794	2803	2818	rVB7	16078	30575	0.43%	0.147%
63	10.238	2834	2845	2856	rBV	399713	621677	8.67%	2.989%
64	10.611	2956	2961	2963	rBV5	1569	1607	0.02%	0.008%
65	10.682	2974	2983	2985	rBV8	3142	4760	0.07%	0.023%
66	10.701	2986	2989	2990	rBV3	2485	1583	0.02%	0.008%
67	10.762	2999	3008	3014	rBV	21316	35074	0.49%	0.169%
68	10.936	3056	3062	3074	rVB3	20238	31091	0.43%	0.149%
69	11.100	3110	3113	3114	rBV3	3093	1674	0.02%	0.008%
70	11.270	3154	3166	3185	rBV	708890	1071854	14.95%	5.154%
71	11.360	3187	3194	3202	rVB2	21321	32132	0.45%	0.154%

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72	11.553	3245	3254	3266	rVV2	22755	41040	0.57%	0.197%
73	11.646	3271	3283	3306	rVB	727716	1133499	15.81%	5.450%
74	11.778	3314	3324	3332	rBV9	9572	17115	0.24%	0.082%
75	11.942	3368	3375	3383	rVB9	6369	10389	0.14%	0.050%
76	11.974	3383	3385	3388	rBV4	1968	1410	0.02%	0.007%
77	12.125	3421	3432	3435	rBV4	6749	12345	0.17%	0.059%
78	12.231	3461	3465	3468	rBV4	1288	1192	0.02%	0.006%
79	12.257	3469	3473	3475	rBV4	1296	1217	0.02%	0.006%
80	12.395	3512	3516	3519	rVB6	2251	1708	0.02%	0.008%
81	12.495	3543	3547	3552	rBV8	1306	1399	0.02%	0.007%
82	12.614	3582	3584	3588	rVB4	2218	1504	0.02%	0.007%
83	12.669	3597	3601	3602	rBV3	1692	1155	0.02%	0.006%
84	12.755	3622	3628	3631	rBV9	3113	3074	0.04%	0.015%
85	12.903	3666	3674	3686	rVB9	7287	12839	0.18%	0.062%
86	12.952	3686	3689	3692	rBV5	2019	1370	0.02%	0.007%
87	12.971	3692	3695	3696	rBV4	2369	1429	0.02%	0.007%
88	13.341	3805	3810	3818	rVB4	2221	2242	0.03%	0.011%
89	13.527	3859	3868	3878	rVV2	17043	29759	0.42%	0.143%
90	13.649	3899	3906	3916	rVB2	7774	12128	0.17%	0.058%
91	13.772	3939	3944	3948	rVB8	1933	1975	0.03%	0.009%
92	13.919	3988	3990	3995	rVB6	2533	1904	0.03%	0.009%
93	14.058	4030	4033	4036	rBV5	1660	1316	0.02%	0.006%
94	14.614	4203	4206	4212	rVB8	2233	1619	0.02%	0.008%
95	14.659	4216	4220	4222	rBV5	1596	1151	0.02%	0.006%
96	14.788	4258	4260	4263	rBV4	1762	1231	0.02%	0.006%
97	14.916	4296	4300	4304	rVB7	1691	1449	0.02%	0.007%
98	15.032	4333	4336	4340	rBV7	1913	1774	0.02%	0.009%
99	15.488	4474	4478	4481	rBV7	1292	1165	0.02%	0.006%
100	15.582	4505	4507	4511	rVB5	1940	1275	0.02%	0.006%

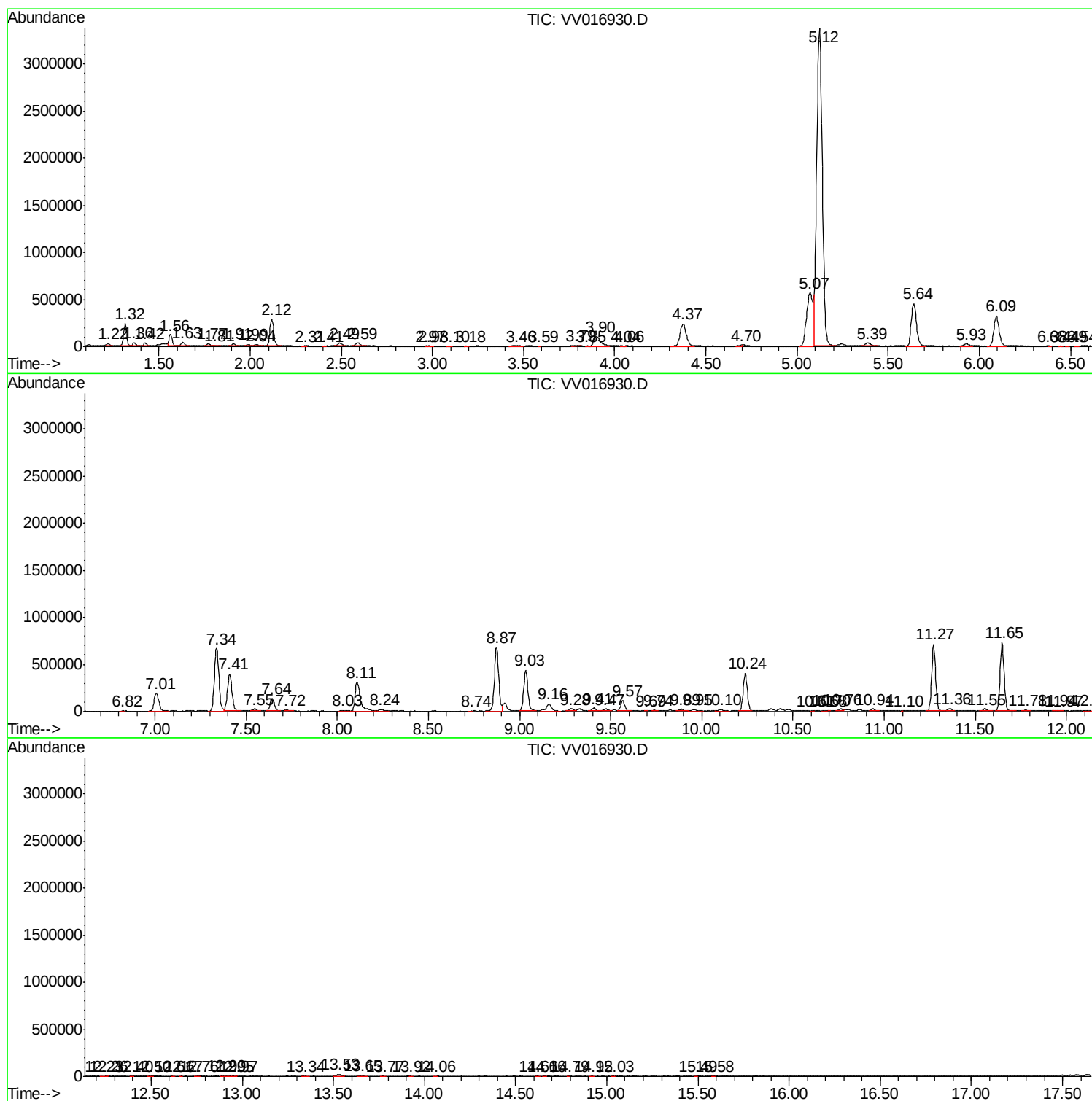
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Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Instrument :
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ClientSampled :
F9D98

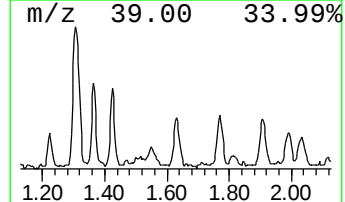
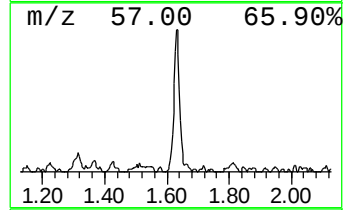
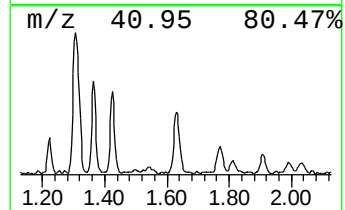
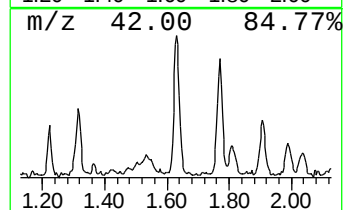
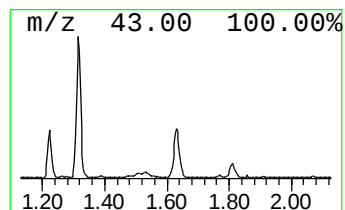
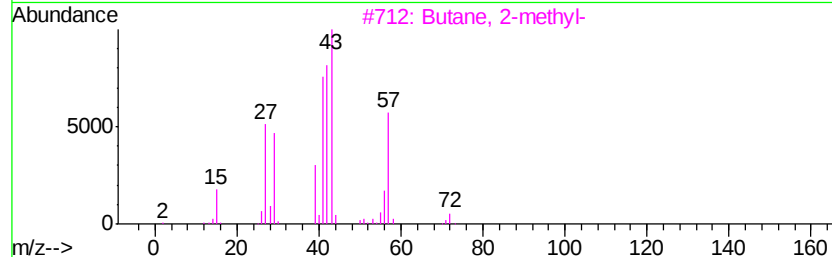
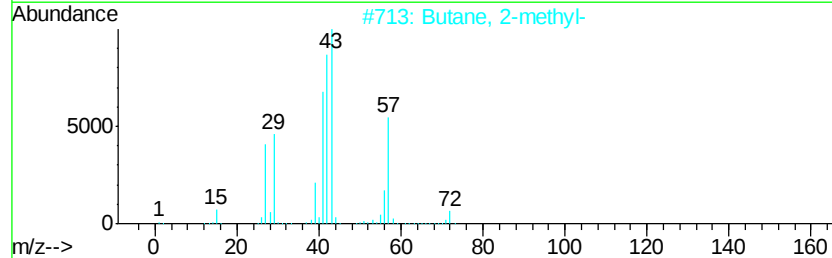
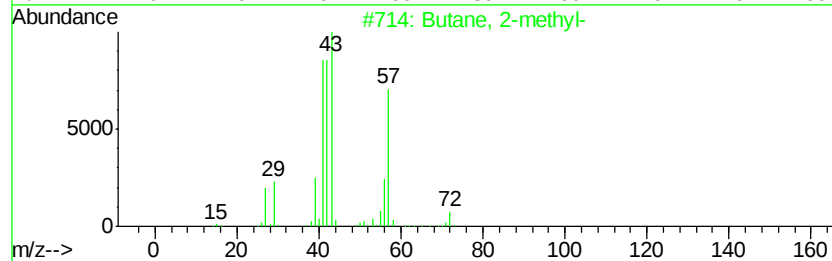
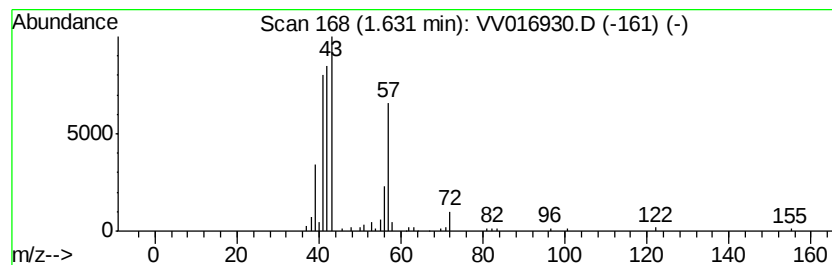
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.63	2.73 ug/L	49087	1,4-Difluorobenzene	5.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methyl-	72	C5H12	000078-78-4	91
2		Butane, 2-methyl-	72	C5H12	000078-78-4	90
3		Butane, 2-methyl-	72	C5H12	000078-78-4	90
4		3-Buten-1-ol	72	C4H8O	000627-27-0	37
5		Pentane	72	C5H12	000109-66-0	36



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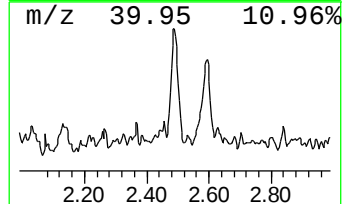
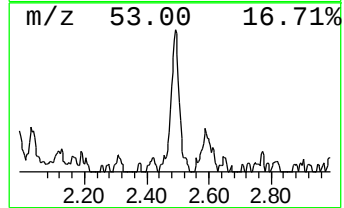
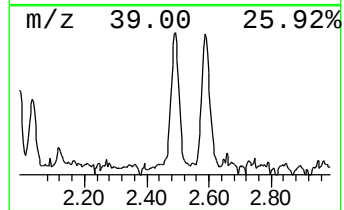
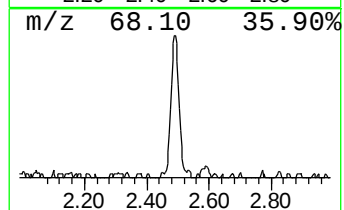
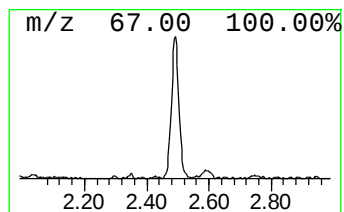
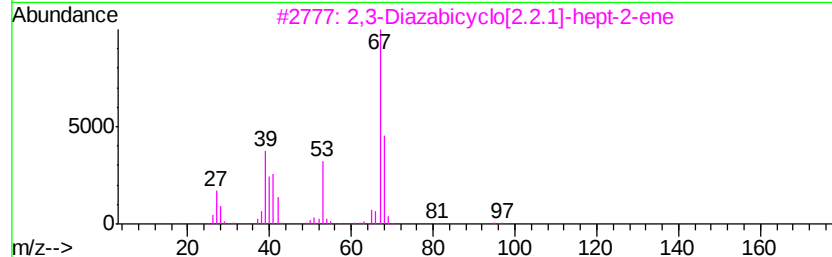
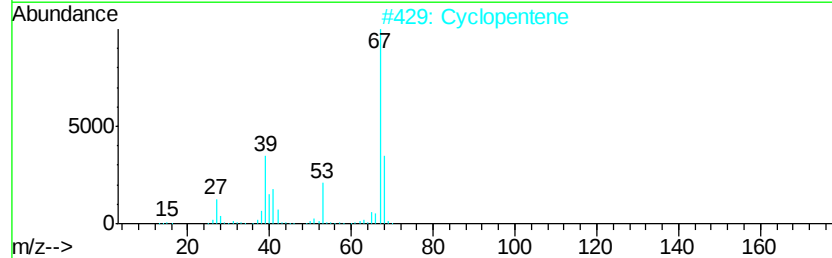
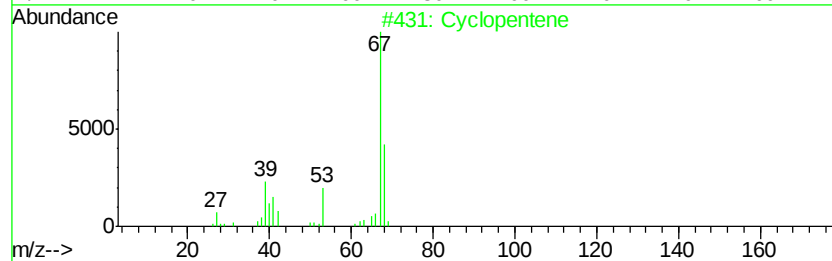
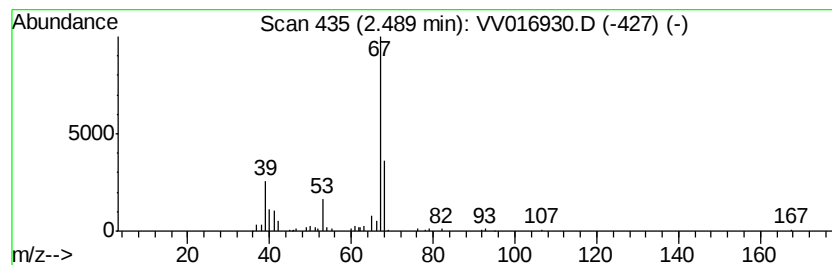
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Cyclopentene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.49	2.76 ug/L	49730	1,4-Difluorobenzene	5.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentene	68	C5H8	000142-29-0	91
2		Cyclopentene	68	C5H8	000142-29-0	80
3		2,3-Diazabicyclo[2.2.1]-hept-2-ene	96	C5H8N2	002721-32-6	64
4		Cyclopentene	68	C5H8	000142-29-0	50
5		Spiropentane	68	C5H8	000157-40-4	50



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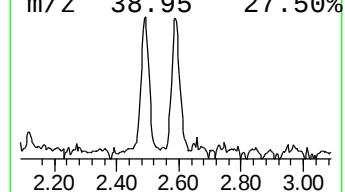
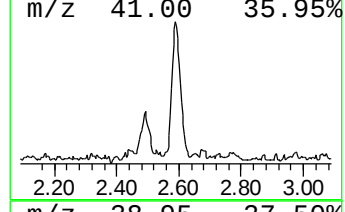
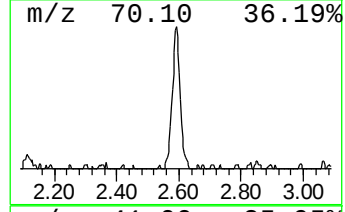
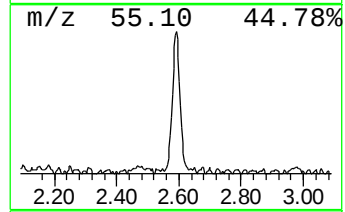
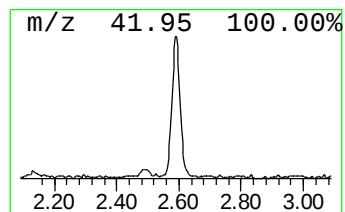
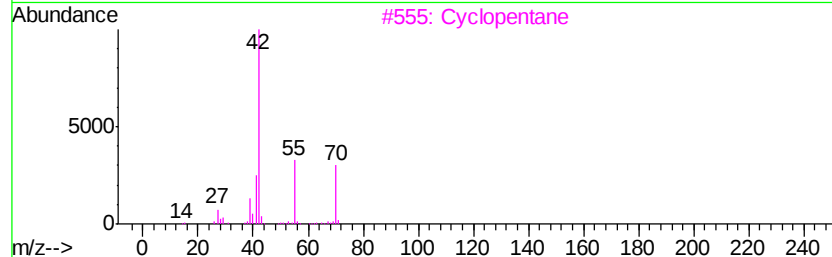
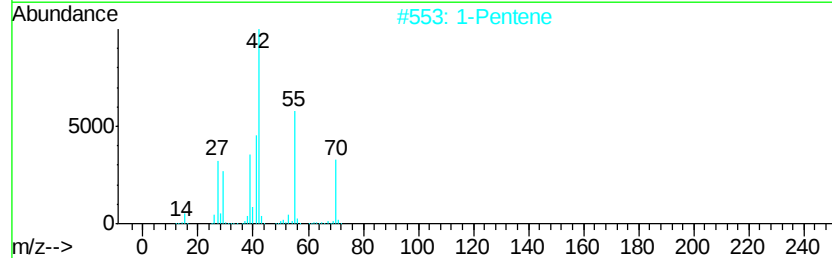
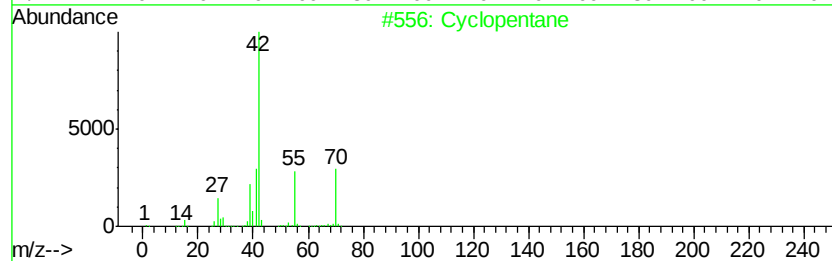
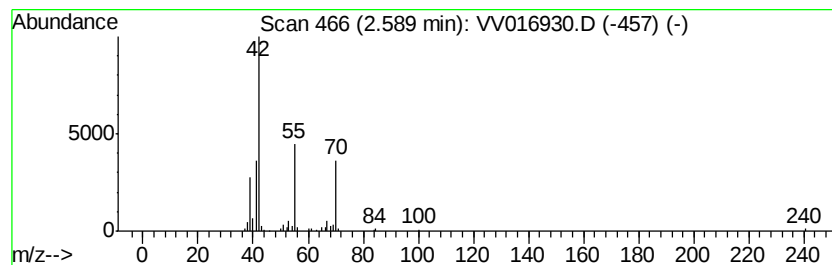
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TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic2.589 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.59	3.31 ug/L	59523	1,4-Difluorobenzene	5.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane	70	C5H10	000287-92-3	80
2			1-Pentene	70	C5H10	000109-67-1	80
3			Cyclopentane	70	C5H10	000287-92-3	72
4			Cyclopropane, ethyl-	70	C5H10	001191-96-4	59
5			Cyclopropane, ethyl-	70	C5H10	001191-96-4	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV061520\
Data File : VV016930.D
Acq On : 15 Jun 2020 12:31
Operator : SY/MD
Sample : L2914-04 25X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9D98

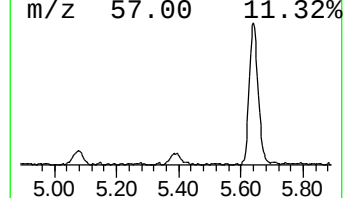
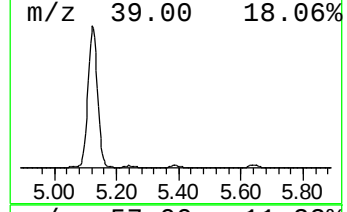
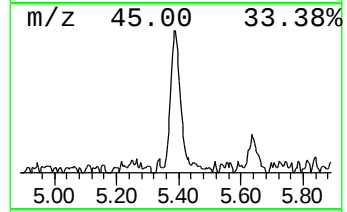
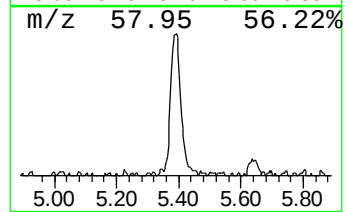
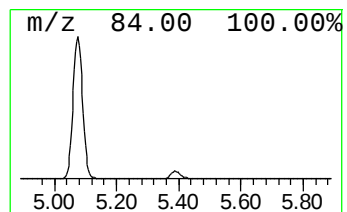
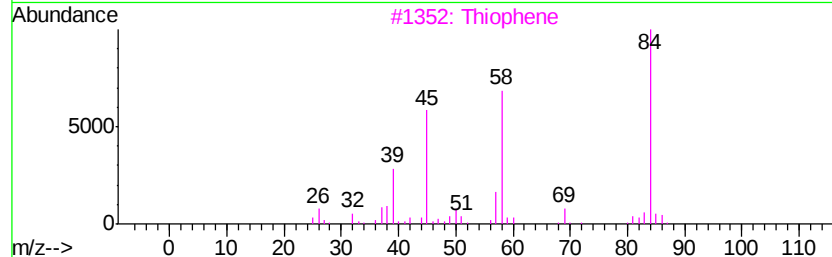
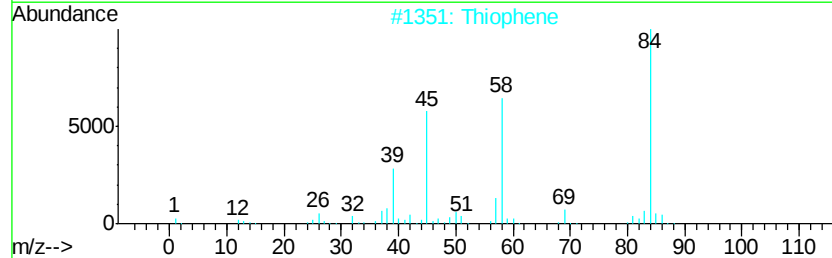
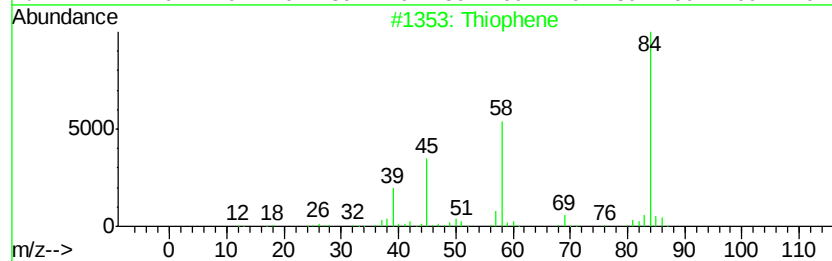
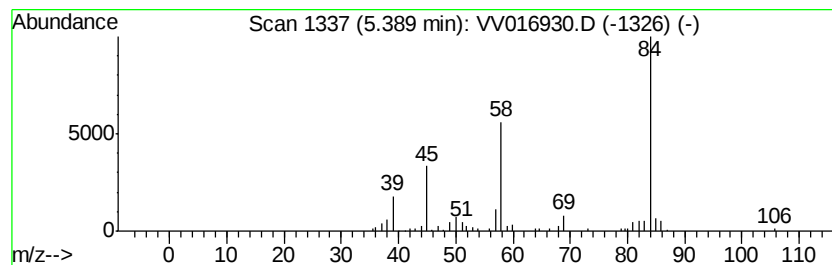
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Thiophene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.39	3.96 ug/L	71378	1,4-Difluorobenzene	5.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Thiophene	84	C4H4S	000110-02-1	94
2		Thiophene	84	C4H4S	000110-02-1	90
3		Thiophene	84	C4H4S	000110-02-1	83
4		Thiophene	84	C4H4S	000110-02-1	80
5		4H-1,2,4-Triazol-4-amine	84	C2H4N4	000584-13-4	43



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061520\
Data File : VV016930.D
Acq On : 15 Jun 2020 12:31
Operator : SY/MD
Sample : L2914-04 25X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9D98

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	1.63	2.7	ug/L	49087	1	5.64	900307	50.0
Cyclopentene	2.49	2.8	ug/L	49730	1	5.64	900307	50.0
(DEL) Alkane: Cyc...	2.59	3.3	ug/L	59523	1	5.64	900307	50.0
Thiophene	5.39	4.0	ug/L	71378	1	5.64	900307	50.0